#### BY ORDER OF THE COMMANDER AIR FORCE MATERIEL COMMAND

#### AIR FORCE INSTRUCTION 11-2FT, VOLUME 3



AIR FORCE MATERIEL COMMAND Supplement 1 (C-17 Checklists) 31 OCTOBER 2002

Flying Operations

AFMC FLIGHT PROCEDURES

#### COMPLIANCE WITH THIS PUBLICATION IS MANDATORY

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This document supplements AFI 11-2FT, Volume 3 and applies to all AFMC C-17 flying activities with primary aircrew assigned or attached for flying. This supplement does not apply to the Air National Guard or the US Air Force Reserve units and members except those under AFMC OPCON.

#### Attachment 10 (ADDED-AFMC)

**WARNING:** When cabin altitude exceeds 10,000 feet MSL all crewmembers will continuously breathe 100 percent oxygen from available regulator or wal-around bottle.

Table A10.1. (Added-AFMC) Cabin Altitude Checklists

PILOTS AIRDROP	LOADMASTER	LOADMASTER HEAVY	LOADMASTER	LOADMASTER BAIA BOW CHECKINGT
CHECKLIST	PERSONNEL/ DUMMY AIRDROP	CHECKLIST		DUAL KOW CHECKLIST
	IST			
1. "CREW, CABIN	I. "CREW, CABIN	1. "CREW, CABIN	1. "CREW, CABIN	1. "CREW, CABIN
ALTITUDE CHECKLIST"	ALTITUDE CHECKLIST"	ALTITUDE CHECKLIST"	ALTITUDE CHECKLIST"	ALTITUDE CHECKLIST"
(PF)-"ACKNOWLEDGED"	(PF)-"ACKNOWLEDGED"	(PF)-"ACKNOWLEDGED"	(PF)-"ACKNOWLEDGED"	(PF)-"ACKNOWLEDGED"
(PNF, LM)	(PNF, LM)	(PNF, LM)	(PNF. LM)	(PNF, LM)
NOTE: Anytime the cabin	1. Fwd Loadmaster Station	2. Fwd Loadmaster Station	2. Fwd Loadmaster Station	2. Fwd Loadmaster Station
altitude exceeds 10,000 feet,	Oxygen System Panel,	Oxygen System Panel.	Oxygen System Panel,	Oxygen System Panel,
press (OPEN) the	Center Seat and Lavatory			
AVIONICS COOL ORIDE	Emergency Regulators - OFF			
switch-light.	Ensure the manual shutoff			
res	levers are pulled to the OFF			
"SET"(PNF, PF) If	position.	position.	position.	position.
depressurization is required,	3. HALO/THER Regulator	3. HALO/THER Regulator	3. HALO/THER Regulator	3. HALO/THER Regulator
set LDG ALT window and	Levers and Pressure Gauge -			
depressurize the aircraft.	ON and CHECKED (as			
3. Oxygen Check -	required) Ensure regulator	required) Ensure regulator	required) Ensure regulator	required) Ensure regulator
"COMPLETE" (PNF, PF,	levers are on and system			
LM) Before responding,	pressure is checked.	pressure is checked.	pressure is checked.	pressure is checked.
each primary crew member	4. Oxygen Check -		4. Oxygen Check -	4. Oxygen Check -
will check the following	"COMPLETE" (PNF, PF,	"COMPLETE" (PNF, PF,	"COMPLETE" (PNF, PF,	"COMPLETE" (PNF, PF,
oxygen equipment items:	LM,)	LM,)	LM.)	LM,)
a. Mask - Fitted	Before responding, check the			
b. Regulator - On/Set	following oxygen equipment	following oxygen equipment	following oxygen equipment	following oxygen equipment
c. Mask/Hose - Connections	items:	items:	items:	items:
Prior to calling the check	a. Mask - Fitted			
complete, the pilot in the	b. Regulator -	b. Regulator -	b. Regulator .	b. Regulator -
right seat will ensure the	On/Set/Pressure	On/Set/Pressure	On/Set/Pressure	On/Set/Pressure
quantities of the aircraft	c. Mask/Hose - Connections			
oxygen systems are within	Inform the	Inform jumpmaster of	Inform jumpmaster of	
required limits.	jumpmaster of	oxygen check and ensure the	oxygen check and ensure the	oxygen check and ensure the
	oxygen check and	-		
	ensure the			

Table A10.2. (Added-AFMC) Cabin Altitude Checklists (Concluded)

PILOTS AIRDROP	AIRDROP   LOADMASTER	LOADMASTER HEAVY LOADMASTER	LOADMASTER	LOADMASTER
CHECKLIST	PERSONNEL/	EQUIPMENT AIRDROP	EQUIPMENT AIRDROP   CDS/TRIADS AIRDROP   DUAL ROW CHECKLIST	DUAL ROW CHECKLIST
	DUMMY AIRDROP	AIRDROP CHECKLIST	CHECKLIST	
	CHECKLIST			
Before responding, the PNF	Before responding, the PNF jumpmaster has completed jumpmaster has completed jumpmaster has completed jumpmaster has completed	jumpmaster has completed	jumpinaster has completed	jumpmaster has completed
will ensure additional	will ensure additional troop oxygen check before troop oxygen check before troop oxygen check before	troop oxygen check before	troop oxygen check before	troop oxygen check before
crewmembers and/or	and/or responding.	responding (as required).	responding (as required), responding (as required), responding (as required).	responding (as required).
personnel in the cockpit have   Ensure	Ensure additional Ensure	Ensure additional Ensure	Ensure additional Ensure	Ensure additional
completed oxygen checks.	crewmembers and or	and	or crewmenibers and or	or crewmembers and or
4. Loadmaster's Report -	4. Loadmaster's Report - personnel in them cargo personnel in	the	cargo personnel in the cargo	the cargo personnel in the cargo
"CHECKLIST	compartment have complete   compartment		have compartment have	
COMPLETED" (LM)	oxygen checks before	oxygen checks before completed oxygen checks completed oxygen		checks completed oxygen checks
5. Cabin Altitude Check-list responding.	responding.	before responding.		before responding.
- "COMPLETE" (PNF)	5. Loadmaster's Report -	5. Loadmaster's Report -	5. Loadmaster's Report - 5. Loadmaster's Report - 5. Loadmaster's Report - 5. Loadmaster's Report -	5. Loadmaster's Report
	"CHECK COMPLETED"	"CHECK COMPLETED"	"CHECK COMPLETED" "CHECK COMPLETED" "CHECK COMPLETED" "CHECK COMPLETED"	"CHECK COMPLETED"
	(LM)	(LM)	(LM)	(LM)

**Pre-Slowdown Checklist.** The loadmaster will make a visual inspection of the cargo compartment prior to initiation of the Pre-Slowdown Checklist to ensure that nothing has fallen between or aft of the airdrop load(s) as a result of takeoff or maneuvering. If in-flight rigging required, the loadmaster will use the applicable DD Form 1748 as a checklist to ensure all items are completed. Complete this checklist prior to Slowdown. Coordination between PF and Loadmaster will determine the time required to prepare the load for airdrop and the pre-slowdown point. The PF initiates the Pre-Slowdown Checklist.

# Table A10.3. (Added-AFMC) Pre-Slowdown Checklists

LOADMASTER DUAL ROW CHECKLIST	1. "CREW, PRE-SLOWDOWN CHECKLIST" (PF) "ACKNOWLEDGED" (PNF, LM) If a "NO DROP" situation occurs after initiation of the Pre-Slow-down Checklist, accomplish the Post Drop Checklist. If another airdrop is attempted, re-accomplish all checklists beginning with the "Pre-Slowdown Checklist." 2. Helmet -On 3. Item Marker Lights - As Required For night airdrops ensure lights are attached and on. 4. Cargo Compartment Lights-SET 5. ELEC PWR Switch - ON 6. DOOR SYS ARMED Annunciator - Illuminated 7. No. 2 HYD PRESS
LOADMASTER CDSTRIADS AIRDROP CHECKLIST	1. "CREW, PRE-SLOWDOWN CHECKLIST" (PF) "ACKNOWLEDGED" (PNF, LM) If a "NO DROP" situation occurs after initiation of the Pre-Slow-down Checklist, accomplish the Post Drop Checklist. If another airdrop is attempted. re-accomplish all checklists beginning with the "Pre-Slowdown Checklist."  2. Helmet - On 3. Cargo Compartment Light - Set 4. ELEC PWR Switch - On 5. DOOR SYS ARMED Annunciator - Illuminated 6. No. 2. HYD PRESS Annunciator - Illuminated 7. CDS GATE SELECT Rotary Switch - Set Ensure switch is positioned to release container(s) for this pass.
LOADMASTER HEAVY EQUIPMENT AIRDROP CHECKLIST	1. "CREW, PRE-SLOWDOWN CHECKLIST" (PF) - "ACKNOWLEDGED" (PNF, LM) If a "NO DROP" situation occurs after initiation of the Pre-Slow-down Checklist, accomplish the Post Drop Checklist. If another airdrop is attempted, re-accomplish all checklists beginning with the "Pre-Slowdown Checklist."  2. Helmet - On 3. Pole Knife - Positioned Position pole knife near the fwd LM station. Ensure the fwd LM station. Ensure the wife is ready for immediate use and secured.  I. Item Marker Lights - As Required For night airdrops ensure lights are attached and on.  2. Cargo Compartment Lights - SET 3. ELEC PWR Switch -
LOADMASTER PERSONNEL/ DUMMY AIRDROP CHECKLIST	1. "CREW, PRE-SLOW-DOWN CHECKLIST" (PF) - "ACKNOWLEDGED" (PNF, LM) If a "NO DROP" situation occurs after initiation of the Pre-Slowdown Checklist, notify the jumpmaster and accomplish the Post Drop Checklist. If a racetrack or another drop is attempted, re-accomplish all checklists beginning with the "Pre-Slow-down Checklist."  2. Jumpmaster - Alerted  3. Helmet – On  4. Remote Winch Control – As Required (Except T-1)  If static line retrieval is required, ensure controller/transmitter.  5. Ramp and Door Area - As Required  5. Ramp and Door Area - As Required  If airdropping over the cargo
PILOTS AIRDROP CHECKLIST	1. "CREW, PRE-SLOWDOWN CHECKLIST" (PF) – "ACKNOWLEDGED" (PNF, LM) If a "NO DROP" or "MALFUNCTION" situation occurs, the PNF will ensure the autodrop is de-armed, the Red Light is on, and state "RED LIGHT ON." If a racetrack or amother drop is attempted. re-accomplish all checklists beginning with the "Pre-Slowdown Check-list."  2. Control stick switch select – ADS (87-0025 Only)  3. LM Panel Power – ON (PNF) Activate the LM PNL PWR, switchlight and confirm it illuminates.  4. Door Arming Switch - As Required (PNF). If the cargo door and ramp are to be opened, activate the DOOR SYS ARM switchlight and ensure it illuminates.

Table A10.3. (Added-AFMC) Pre-Slowdown Checklists (Continued)

PILOTS AIRDROP	LOADMASTER	LOADMACTER HEAVY		
LST	_		LOADMASIER	LOADMASTER
	DIMMY APPROD	EQUIPMENT AIRDROP	CDS/TRIADS AIRDROP	DUAL ROW
	CHECKLIST	CHECKLIST	CHECKLIST	CHECKLIST
5. Red Light - ON (PNF)	and door area and	NO	9 Damote Windt Control	100 table to 1000 0
Activate the RED LT	Orave	7 DOOP SVS ABMED	Graduate Which Control =	8. CDS GAIE SELECT
Switchlight and ensure	Compartments are secured	Apprinciator Illuminated	Checked/Positioned	Rotary Switch - Set 5
switchlight illuminates.	6. Cargo Compartment	8 No 2 HVD pprec	Ensure controller/transmitter	tion to number 5
6. ADS Mode Switch - SET		Apprinciator Illuminated	(C/1) is operable and	9. SIDEWALL PANEL
(PNF).	7. ELEC PWR Switch - ON	Commission - Intringated	positioned for immediate	Power Switch - ON
Set the MODE switch as	8. DOOR SYS ARMED	A HEAVY FOUIDMENT	use after drop.	3
briefed by the PF for either	Annunciator - Illuminated			ros Annunciators –
automatic or manual airdrop	(As Required)	Set the DROP GP and 1	rin(s) : Removed (As	Checked
mode.	9 No 2 HVD PDESS		Kequirea)	Accomplish
7. Cahin Press Panel	Annuciator Illinoised	EUCN'R LUCK SELECT	10. Vertical Restraint Straps	substeps if dropping
"SET"(DNE DE) Cohodul	Ambinitatol - infuminated	Rotary Switches on the lowest	- Removed and Stowed (As	pallets.
doministry Schedule	(As Required)	number lock engaged in the	Required)	a. POS 2,6, and 8 -
depressurization to be	10. Jump Platform Lights -	platform(s) to be released this	11. Container Marker Lights   Retracted	
complete prior to door	As Required	pass. Verify that the	- As Reguired	h POS 7 I ins - Retracted
opening by setting door-	If airdropping from troop	corresponding ADS left and	nav he	Accomplish substance if
opening altitude.	door(s) at night, ensure lights	right rail lock annunciators	nrior to the	<u>S</u>
8. NAV Solution -	are turned on.	agree with the selected rotary		or opping pianorins.
CHECKED (PNF) Check	11. JUMP SIGNAL DIM	switch positions	cloudoum Charling	a. FOS 1.3, 3 and / Locks
MC FOM on AD	Switch - As Required	GP SEI ECT	12 Cargo Door Divibilian	and Lips = Retracted
PROGRESS page. Inform	Set dimining control switch		12. Calgo Door Ditening	o. Vertical restraint lips aft
PF if the FOM is less than	as appropriate for day or	CIVAC	Colors - Dischgaged (1-1)	of platforms - Retracted
required. (PNF)	night operations			argo Doc
9. BCN or ZM - SET	12. Bundle Marker Lights -	Rotary Switches -	ralacinite/Sarety	Locks - Disengaged   (T.1 only)
(PNF)			•	12. Parachute/Safety
				Harness - On

# Table A10.3. (Added-AFMC) Pre-Slowdown Checklists (Continued)

_	PILOTS	A IDDDOD I CANALCTED	l		
	IST	PERSONNEL	FORDWASIEK HEAVY	COSTEN	MASTER
		DUMMY AIRDROP		CUS/INIAUS AIRURUP	DUAL ROW
		IST		CHECKLIST	CHECKLIST
	10. DZ Baro – SET	As Required	3. ADS LOCK STATUS	Ensure all personnel in the	Ensure all personnel in the
	_	For night drops ensure	Annunciators - Checked	cargo compartment who are	Cargo compartment who are
	MC	marker lights are attached	a. Left Locks in Platform(s) -	involved with the airdrop	involved with the airdron
	automatically enable		Engaged	operation have donned a	operation have donned a
	LM/BCN updating at 24 NM	my		parachute or safety harness.	parachute or safety harness
	defined the PI. II a ZM/BCN is			14. Seat Belts- On	13. Scat Belts - On
	delined and selected on the		NOTE: Because the left rail	Ensure all personnel in the	Ensure all personnel in the
	MC Airdrop pages and the	Platform secured in rail	locks operate in pairs, a lock	cargo compartment who are	cargo compartment who are
	PF does not desire the	system. Launcher secured to	may be engaged forward,	not involved with the	not involved with the
	update, the PNF must disable	tiedown rings with 1/2"	between or aft of airdrop,	airdrop operation are seated	airdron operation are seated
	the update after it has been	tubular nylon	platform(s). If this condition	with a seat belt fastened	with seat bolt factored
-	enabled. Update DZ Baro on	14. Dummy Static Line /	exists, the locks will be	15. Red Light - On Ensure	14 Red Light On
	ADXX DATA (2/4) page.	Arming Lanyard - Connected	retracted during the	red lights are illuminated	
	Flap Detent/Index -"		7	_	"SET "ATM
	II. FLAP,INDEX"		en and aft	"SET "(IM)	SEI (LM)
_	(PNF) State airdrop flap		plat-form(s) - Retracted	17 Loadmaster's Report	"CHECK COMPLETED"
	position and index and set	Required) (T-1 Only)		"CHECK COMPLETED"	
_	flap index.	16. Parachute/Safety Harness	A. TOW TEST		Coordinate misk I M2
	12. Altimeters - "SET,	· Ou			cooldinate with LMz prior
	=	Ensure all personnel in the	Set the DROP GP and L		to cliecklist completion.
	baro altimeter set-ting is	cargo compartment who are	LOCK/R LOCK SELECT		
_	unavailable, use GPS baro	involved with the airdrop	Rotary Switches on 20/19		
	altimeter setting.	operation have donned a	1. ADS DROP GP SELECT		
	13. Airdrop Display - "SET"	parachute or safety harness.	Rotary Switch - SET 20/19	•	
_	(PF) The pilot will set A/D	17. Seat Belts- On	2. ADS LOCK GANG		
	on PFDs.	Ensure all personnel in the	CONTR. L/R LOCK		
	WARNING: Ensure the	cargo compartment who are	SELECT Rotary Switches -		
	drop group select number	not involved with the airdrop	SAFE		
<i>y</i> , -	stated by the loadmaster is	operation are seated with a	3. ADS LOCK STATUS		
_	the same as identified during	seat belt fastened	Annunciators - Checked		
_	the crew briefing and by the	18. Red Light - On	a. Left Locks in Platform(s) -		
	pilot.	Ensure red lights are	Engaged		
ل		illuminated.			

# Table A10.3. (Added-AFMC) Pre-Slowdown Checklists (Concluded)

	ROW					_																									_		_
LOADMASTER																																	
LOADMASTER	CDS/TRIADS AIRDROP CHECKLIST																									<del></del>		***************************************			-		
×	CHECKLIST	h Right looks in Diese	ARMED.	NOTE: Because the left rail	locks operate in pairs, a lock	may be engaged forward,	or aft o	platform.	c. Locks between and aft of	platform(s) - Retracted	9. Cargo Door Ditching Locks -	Disengaged (As Required) (T-1	only)	10. Parachute/Safety Harness -	On	Ensure all personnel in the	cargo compartment who are	involved with the airdrop	operation have donned a	_	11. Seat Belts- On	Ensure all personnel in the	cargo compartment who are not	involved with the airdrop	operation are seated with a seat	belt fastened.	12. Red Light - On	Ensure red lights are	illuminated.	13. Drop Group Select - "SET	" (LM)	14. Loadmaster's Report	"CHECK COMPLETERS" AT 1.5.
RDROP LOADMASTER PERSONNEL	DUMMY AIRDROP CHECKLIST	19. Loadmaster's Report	"CHECK COMPLETED"	(LM)																		-	-	_		4	-	Ξ.	-				
PILOTS AIRDROP CHECKLIST		14. "DROP GROUP	DS,	DOAL ROW) - "SET"	15 I cadmacter's Descrip-	"CHECK COMPLETEN:	(LM)	16. Pre-Slowdown Charteline	- "COMPLETE" (DNE)	COURT TELLE (LINE)														-									

**Slowdown Checklist.** The PF will initiate the slowdown checklist upon arrival at the slowdown point (when annunciated on PFDs, when indicated on the SKE PPI MFD and/or MAP Navigation Display, when indicated on the SKE FCI panel, or as briefed). If a visual formation slowdown is conducted without SKE, aural/visual slowdown warnings must be coordinated between formation lead and wingman. The mission computer will display an adjusted slowdown point, within preflight entered limits, in order to accomplish precise TOT control.

Table A10.4. (Added-AFMC) Slowdown Checklists

PILOTS AIRDROP	LOADMASTER	LOADMASTER HEAVY	LOADMASTER	LOADMASTER
LIST	PERSONNEL/		CDS/TRIADS AIRDROP	AIRDROP DUAL ROW CHECKLIST
	DUMMY AIRDROP CHECKLIST	CHECKLIST	CHECKLIST	
1. "CREW, SLOWDOWN	1. "CREW, SLOWDOWN	L. CREW, SLOWDOWN	1. "CREW, SLOWDOWN	1. 'CREW, SLOWDOWN
CHECKLIST" (PF) -"	CHECKLIST	CHECKLIST" (PF)	CHECKLIST" (PF) -	CHECKLIST" (PF) -
ACKNOWLEDGED" (PNF.	ACKNOWLEDGED" (PNF,	"ACKNOWLEDGED"	"ACKNOWLEDGED"	"ACKNOWLEDGED"
LM) Lead or Element Leads	LM)	(PNF, LM)	(PNF, LM)	(PNF, LM)
do not normally use speed	A. Personnel Drops	If a "NO DROP" situation	2. Hot Mic - On (CDS Only)	2. Hot Mic - ON
brakes during formation	1. Jumpmaster - Alerted	occurs after initiation of the	WARNING: The Cargo	3. Pallet End Stops -
airdrop slowdowns.	WARNING: The cargo	Slowdown Checklist,	door and ramp will not be	Checked
2. Slats/Flaps - "SLATS	door and ramp will not be	accomplish the Heavy	opened until the PNF clears	Ensure the Pallet End Stops
EXTENDED, FLAPS ONE	opened until the PNF clears	Equipment Malfunction	the doors to be opened.	are up and remain up during
HALF, INDEX " (PNF)	the doors to be opened.	Checklist.	3. Door(s) - "CLEAR TO	the drop.
PNF extends slats and half	2. Door(s) - "CLEAR TO	2. HOT MIC - ON	OPEN" (PNF)	WARNING: The cargo door
flaps on command of PF.	OPEN" (PNF)	WARNING: The cargo	NOTE: Cargo door	and ramp will not be opened
SKE slowdown will be	NOTE: On the first troop	door and ramp will not be	and ramp may not	until the PNF clears the
accomplished by slowing to	door opened, deploy air	opened until the PNF clears	open if aircraft is	doors to be opened.
160 KCAS prior to	deflector between 10 and 15	the doors to be opened.	pressurized.	4. Door(s) - "CLEAR TO
descending to drop altitude.	degrees, ensure the DEFL	Door(s) - "CLEAR TO	4. Ramp and Door -	OPEN" (PNF)
3. Thrust Rating - SET	DEPLOYED annunciator	OPEN" (PNF)	Open	NOTE: Cargo door and ramp
(PNF) Normally set EPR	light illuminates, open the	NOTE: Cargo door and	Open the cargo door and	or troop doors may not open
MCT. Set EPR MAX when	troop door, then fully deploy	ramp or troop doors may not	ramp. Ensure the DOOR	if aircraft if pressurized.
drop-ping heavy loads or any	the air deflector. Fully	open if aircraft is	UP/LKD, RAMP NOT	5. Ramp and Door- Open
time the flaps are positioned	deploy the air deflector for	pressurized.	LOCKED and RAMP	Open the Cargo doors and
to the 3/4 detent or greater.	the opposite door and check	3. GO/NO GO Devices -	AIRDROP POS	ramp. Ensure the DOOR
NOTE: Verify that the	annunciator prior to opening.	Checked	annunciators are illuminated.	UP/LKD, RAMP NOT
aircraft is depressurized	NOTE: Cargo door and	Ensure sheer pin and	5. CDS ARM Switch - ARM	LOCKED, and RAMP
		activation line is armed	Ensure the CDS	
			ARMED	

Table A10.4. (Added-AFMC) Slowdown Checklists (Continued)

PILOTS AIRDROP	LOADMASTER	LOADMASTER HEAVY	LOADMASTER	LOADMASTER
CHECKLIST	NEL	EQUIPMENT AIRDROP	CDS/TRIADS AIRDROP	DUAL ROW CHECKLIST
	DUMMY AIRDROP	CHECKLIST	CHECKLIST	
	CHECKLIST			
prior to opening doors.	or troop doors may r	4. Guillotine Safety Tics -	Annunciator is illuminated.	AIRDROP POS
4. Doors - "CLEAR TO	open if aircraft is	Removed	6. ADS ARM Annunciator -	Annunciators are
OPEN" (PNF). Clear doors	pressurized.	Secondary loadmaster	Illuminated	
to open after airspeed is	WARNING: Troop door(s)	removes safety ties and show	Ensure the annunciator is	6. CDS ARM Switch - ARM
below door open placard	and air deffector will not be	to primary loadmaster		Ensure the CDS ARMED
speed.	opened until the PNF clears	WARNING: The Cargo	7. Telemetry - "ON" (LM)	Annunciator is illuminated.
5. RA/BA Switch - "SET"	the doors to be opened.	door and ramp will not be	_	7. ADS ARM Annunciator -
(PNF, PF) If radar altitude	WARNING: If an air	opened until the PNF clears	8. Loadmaster's Report -	Illuminated
(RA) was being used for low	deflector door fails to open	the doors to be opened.	"CHECK COMPLETED"	Ensure the annunciator is
level flight, select BARO	or faring fails to retract, the	5. Door(s) - "CLEAR TO	(LM)	
prior to reaching drop	respective paratroop door	OPEN" (PNF)		8. Telemetry - "ON" (LM)
altitude.	will not be used for airdrop.	NOTE: Cargo door and ramp		_
6. AFCS Panel – "SET FOR	3. Air Deffector(s)/Troop	may not open if aircraft is		9. LM2 - Positioned
AIRDROP" (PF) Single ship	Door(s) - Deployed/Open	pressurized		LM2 will be positioned
- To provide flight director	(As Required)	6. Ramp And Door - Open		forward and outboard of the
guidance to the drop, the PF	4. Ramp and Door - Open	Open the cargo door and		left row of the
should direct selection of:	(As Required) Open the	ramp. Ensure the DOOR		ms.
MSN LNAV and MSN	Cargo Door and Ramp.	UP/LKD, RAMP NOT		10. Loadmaster's Report -
VNAV or ALT HLD and	Ensure the DOOR UP/LKD,	LOCKED and RAMP		"CHECK COMPLETED"
drop airspeed IAS hold.	RAMP NOT LOCKED and	AIRDROP POS		
SKE mission - Element lead	RAMP AIRDROP POS	annunciators are illuminated.		Coordinate with LM2 prior
pilots will direct selection of	annunciators are illuminated.	7. Drogue Chute Video		to checklist completion.
MSN LNAV. ALT HLD and	5. TROOP ARM/DISARM	System – ON (except T-1)		
drop air speed IAS hold for	Switch - ARMED Ensure	WARNING: If platform(s)		
guidance to the CARP.	the TROOP ARMED	Become loose prior to		
7. ALT/XTRK – SET (PNF)	annunciator light is	GREEN LIGHT, state		
Update when level and stable	illuminated.	"MALFUNCTION" and		
at drop altitude. Relay/ reset	6. Parachutist(s)/Door	accomplish the Heavy		
new baro altitude and XTRK	Bundle(s) - Positioned (As	Equipmet Malfunction		
(SKE only) on the SKE	Required) Ensure	Checklist		
Primary page.	parachutist(s) are in position	A. HEAVY EQUIPMENT		
	for paratroop door or cargo			
	ramp airdrop. Cleared exits			

Table A10.4. (Added-AFMC) Slowdown Checklists (Continued)

PILOTS AIRDROP CHECKLIST	LOADMASTER PERSONNEL/	LOADMASTER HEAVY	LOADMASTER CDS/TRIADS AIRDROP	LOADMASTER DIAL ROW CHECKLIST
	DUMMY AIRDROP CHECKLIST			
8. Doors - OPEN (PNF)	will be turned over to	WARNING: Verify the		
Verify doors open on WAP	Jumpmaster no later than the	corresponding lock		,
9. ADS ARM Annunciator	one-minute warning.	annunciators on the ADS		
- ILLUMINATED (PNF)	7. Telemetry - "ON" (LM)	LOCK STATUS Panel have		
10. Loadmaster's Report -	s Required)	extinguished to correspond		
"CHECK COMPLETED"	8. Loadmaster's Report-	with Left Lock and Drop		
(LM)	"CHECK COMPLETED"	Group Select rotary switch		
nal	(LM)	position.		
SEI (PNF) After		I. ADS LOCK GANG		
reaching drop altitude,	B. Dummy/D-Bag Drops	CONTR, L LOCKS Switch -		
PNF extends drop flaps		REL Release the ADS left		
(half, 3/4, or full) on	l. Jumpmaster – Alerted	locks on platform(s) to be		
command of PF, then state	WARNING: The cargo door	airdropped on this pass.		
flap position. PF slows to	and ramp will not be opened			•
drop airspeed after drop	until the PNF clears the	B. TOW TEST		
12. AD Progress Update -				
ACT (LSK 2L)	2. Door(s) - "CLEAR TO	1. ADS LOCK GANG		
13. Slowdown Checklist -	OPEN" (PNF)	CONTR. L LOCKS Switch -		
"COMPLETE" (PNF)	NOTE: On the first troop	SAFE8. L or R CHUTE		
	door opened, deploy air	ARM Switch - ARMED		
	deflector between 10 and 15	Activate the DROGUE		
	degrees, ensure the DEFL	CHUTE ARM switch for		
	DEPLOYED annunciator	PDM rigged for platform(s)		
	light illuminates, open the	to be dropped on this pass.		
	troop door, then fully deploy	Ensure the L or R DROGUE		
	the air deflector. Fully	CHUTE ARMED		
	deploy the air deflector for	annunciator illuminates.		
	the opposite door and check	9. TOW REL ARM Switch		
	annunciator prior to opening.	-ARMED		
	NOTE: Cargo door and	Ensure the TOW REL		
		ARMED annunciator		
			**************************************	

# Table A10.4. (Added-AFMC) Slowdown Checklists (Continued)

PILOTS AIRDROP	LOADMASTER PERSONNEI /	LOADMASTER HEAVY	LOADMASTER CDS/TRIADS AIRDROP	LOADMASTER DIAL BOW CHECKLIST
	DUMMY AIRDROP CHECKLIST		CHECKLIST	POAL NOT CHECKEDS
	ramp or troop doors may not	illuminates. 10 ADS ARM Appunciator		
	ized.			
	WARNING: Troop door(s)	11. Telemetry - "ON" (LM)		
	and air deflector will not be	(As Required)		
	the doors to be opened.	"CHECK COMPLETED"		
	WARNING: If an air			
	deflector door fails to open			
	or faring fails to retract, the			
	respective paratroop door			
	will not be used for airdrop.			
	3. Air Deflector(s)/Troop			
	Door(s) - Deployed/Open			
	(As Required)			
	4. Ramp and Door - Open			
	(As Required) Open the			
	Cargo Door and Ramp.			
	Ensure the DOOR UP/LKD,			
	RAMP NOT LOCKED and			
	RAMP AIRDROP POS			
	annunciators are illuminated.			
	S. INOOF ANM/DISANM			
	TROOP ARMED ARMED			
	annunciator light is			
	6. Dummy(s)/D-Bag(s) -	_		
	Positioned for release(As			

Table A10.4. (Added-AFMC) Slowdown Checklists (Concluded)

FILUIS AIKDROP	LOADMASTER	LOADMASTER HEAVY   LOADMASTER	LOADMASTER	LOADMASTER
CHECKLIST	PERSONNEL/	EQUIPMENT AIRDROP	EQUIPMENT AIRDROP CDS/TRIADS AIRDROP DUAL ROW CHECKLIST	DUAL ROW CHECKLIST
	DUMMY AIRDROP		CHECKLIST	
	CHECKLIST			
	Required) Ensure Dummy(s)			
	/ D-Bag(s) are in position for			
	paratroop door or cargo ramp			•
	airdrop. Cleared exits will be			
	turned over to Jumpmaster			
	no later than the one-minute			
	warning			
	7. Telemetry - "ON" (LM)			
	(As Required)			
	Loadmaster's Repo			
	CHECK COMPLETED"(LM)	•		

**Release Point Checklist.** The following actions will be accomplished during the AMBER-GREEN-RED light sequence. The release sequence is the same for both AUTO and MANUAL delivery modes. In MANUAL, the PNF will press the JUMP/RELEASE light, and in AUTO the PNF will observe the proper sequence (and intervene if required).

Table A10.5. (Added-AFMC) Release Point Checklists

PILOTS AIRDROP	LOADMASTER	LOADMASTER HEAVY	LOADMASTER	LOADMACTED
LIST	PERSONNEL/	_	CDS/TRIADS AIRDROP	DUAL ROW CHECKLIST
	DUMMY AIRDROP CHECKLIST	CHECKLIST		
1. "STAND BY DROGUE	A. Personnel Drops	1. Data On - "DATA ON"	1. Data On - "DATA ON"	1. Data on - "DATA ON"
"or "STANDBY READY		(PNF) (As Required)	(PNF) (As Required)	(PNF) (As Required)
LIGHT"(PNF)	1. Data On - "DATA ON"	2. Amber Light - On	2. Amber Light – On	2. Amber Light - On
Approximately 5 seconds		15 Seconds prior to a TOT,	15 Seconds prior to TOT,	3. FIVE, FOUR, THREE.
prior to deploying the drogue	2. Amber Light – On	the PNF will turn on the	the PNF will turn on the	TWO, ONE. GREEN
or turning on the ready light,	15 Seconds prior to the	amber light and state	amber light and state	LIGHT" (MC/PNF)
the PNF will state	TOT, the PNF will turn on	"DROGUE DEPLOYED".	"READY LIGHT ON."	4. LOG LOCK GANG REL
DROC	the amber light and state	Ensure Amber lights are	Ensure Amber lights are	L LOCKS RAMP Switch -
"STANDBY READY	"READY LIGHT ON".	illuminated.	illuminated.	REL
LIGHT" as required.	Ensure Amber lights are	3. "DROGUE DEPLOYED"	3. "FIVE, FOUR, THREE.	Depress the L RAMP REL
NOTE: At 10 seconds TTG,	illuminated.	(PNF) If the L/R DROGUE	TWO, ONE, GREEN	Switch fully and verify the
in VNAV MSN, VNAV	ΛE	CHUTE ARM annunciator	LIGHT" (MC/PNF)	corresponding lock(s)/lip
PROF, or SKE MSN, the	TWO, ONE, GREEN	fails to extinguish, actuate	NOTE: If the CDS ARMED	Ţ
aircraft will go to the deck		the L/R DROGUE CHUTE	Annunciator fails to	LOGISTICS PALLET POS
angle commanded by the	4. Pilot Notified - "LOAD	Switch to DEPLOY.	extinguish or the load fails to	Panel have extinguished.
mission computer and roll	CLEAR" or	a. LEFT/RIGHT DROGUE	move, activated the ADS	5. LOG LOCK GANG REL
wings level.	"MALFUNCTION" (LM)	CHUTE Switch - DEPLOY	BACKUP CDS Switch.	L LOCKS FLOOR Switch -
WARNING: If a "NO DROP"	If a paratrooper or door	(As Required)	a. ADS BACKUP CDS	REL
or "MALFUNCTION"	bundle becomes entangled	Accomplish	Switch - REL (As Required)	Depress the L FLOOR REL
situation occurs, the PNF	during exit and towed behind	remaining substeps	If the GRM(s) fail to release	Switch fully and verify the
will ensure the autodrop is	the aircraft, notify the pilot	if drogue chute does	or load stops moving aft,	corresponding lock(s)/lip
de-armed, the Red Light is	by stating	not deploy.	ensure that all containers that	annunciators on the
on, and state "RED LIGHT	-	b. Pilot Notified -	are moving have exited, the	LOGISTICS PALLET POS
ON." If a racetrack or	complete the Personnel	"MALFUNCTION"	state "MALFUNCTION: and	Panel have extinguished.
another drop is attempted,	Airdrop Malfunction	(LM)	complete the CDS/TRIADS	NOTE: The PERSONNEL
re-accomplish all checklists	5. "RED LIGHT" (MC/PNF)	c. HVY EQUIP Malfunction	Malfunction Checklist.	WARNING sign may be
beginning with the "Pre-	- On	Checklist - Initiated	5. "RED LIGHT" (MC/PNF)	used as a reference point.
Slowdown Checklist,"	6. Jumpmaster - Alerted	4. Status of Drogue -	- On	6. "RIGHT SIDE
		"DROGUE OK" or		

# Table A10.5. (Added-AFMC) Release Point Checklists (Continued)

PILOTS AIRDROP	LOADMASTER	LOADMASTER HEAVY	LOADMASTER	LOADMASTER
CHECKLIST	PERSONNEL/	EQUIPMENT AIRDROP	CDS/TRIADS AIRDROP	DUAL ROW CHECKLIST
	DUMMY AIRDROP	CHECKLIST	CHECKLIST	
	CHECKLIST			
2. Pilots ADS Panel -	Checklist.	"MALFUNCTION" (LM)	Ensure green lights are	RELEASE" - (LM2)
DEPLOYE	NOTE: Crew will initiate	Accomplish substeps for	extinguished and red lights	When the forward edge of
"READY LIGHT ON"	the Post Drop Checklist after	drogue malfunction or 'NO	are illuminated.	the most forward
(PNF)	the loadmaster calls "LOAD	DROP".		pallet/platform is abcam of
a. Ready/Drogue Switch-	CLEAR" and the RED LT is	a. DROGUE JETTISON		FS 870 he/she will command
light ACTIVATED (PNF)	ou.	Switch - JETT		"RIGHT SIDE RELEASE"
b. RED LT Switchlight -		b. EMERG DROGUE		over the interphone.
EXTINGUISHED (PNF)	B. DUMMY / D-BAG	Switch - JETT (As		7. LOG LOCK GANG REL
For Heavy Equipment	DROPS	Required) .		R LOCKS RAMP Switch -
airdrops, the PNF will		c. "DROGUE		REL
activate the Ready/Drogue	I Data On "DATA ON"	JETTISONED" (LM)		Depress the R RAMP REL
switchlight 15 seconds prior	(PNE) (As Bosnired)	d. HVY EQUIP Malfunction		Switch fully and verify the
to the TOT and state	2 Amher Light – On	Checklist - Initiated		corresponding lock(s)/lip
"DROGUE DEPLOYED".	15 Seconds prior to the	5. "FIVE, FOUR, THREE,		annunciators on the
Ensure DROGUE	TOT the PNF will turn on	TWO, ONE, GREEN		LOGISTIC PALLET POS
annunciator illuminates and	the amber light and state	LIGHT" (MC/PNF)		Panel have extinguished
Red Light extinguishes. For	"READY LIGHT ON"	If the TOW REL ARMED		before proceeding to the next
Personnel or CDS airdrops,	Ensure Amber lights are	annunciator fails to		step.
the PNF will activate the	illuminated	extinguish, position the		8. LOG LOCK GANG REL
Ready/Drogue switchlight 15	3 "FIVE FOLIR THREE	TOW PLATE Switch to the		R LOCKS FLOOR Switch -
seconds prior to the TOT	TWO ONE CREEN	REL position.		REL
and state "READY LIGHT	Œ	a. TOW PLATE Switch REL		Depress the R FLOOR REL
ON". Ensure READY light	4 Shockline - Cut (As	(As Required)		Switch fully and verify the
illuminates and verify the	Required)	Accomplish remaining		corresponding lock(s)/lip
Red Light extinguishes. PF	5 Pilot Notified - "I OAD	substeps if the TRM still		annunciators on the
should maintain a stable	CI FAR"	fails to release.		LOGISTIC PALLET POS
deck angle from 10 seconds	IAI FIINCTION" or "	b. Pilot Notified -		Panel have extinguished
TTG to Red Light. A stable		"MALFUNCTION" (LM)		before proceeding to the next
run-in is especially important	DEPLOYED" (L.M.	c. DROGUE JETTISON		step.
when	6 "RED LIGHT"	Switch – JETT		NOTE: Crew will initiate
formation	C/PNF)- ON	d. EMERG DROGUE Switch		the Post Drop Checklist after
WAKNING: II a "NO	Ensure Green lights are	- JETT (As Required)		the loadmaster calls "LOAD
	extinguished and Red lights			

Table A10.5. (Added-AFMC) Release Point Checklists (Continued)

PILOTS AIRDROP	LOADMASTER	LOADMASTER HEAVY	LOADMASTER	LOADMASTER
CHECKLIST	PERSONNEL/ DUMMY AIRDROP	EQUIPMENT AIRDROP CHECKLIST	CDS/TRIADS AIRDROP	DUAL ROW CHECKLIST
	- 1			
_	are illuminated.	c. "DROGUE		CLEAR" and the red light is
	7. Retrieval System -	JETTISONED" (LM)		00
	Installed (As Required)	f. HVY EQUIP Malfunction		9 Pilot Notified - "LOAD
	8. Pilot Notified -	Checklist - Initiated		CI FAR."
Chute and state "DROGUE	"INITIATING	WARNING: If the		"NOILON"
JETTISONED" and	RETRIEVAL" (LM) (As	chute(s) h		
complete the Heavy		exited the air-craft and the		10 "TOTAL" I ICUT"
Equipment Malfunction	9. Pilot Notified -	platform fails to move		(PNE)
Checklist.	"RETRIEVAL	ensure the ADS R-LOCK		
3. Status of Drogue (Heavy	COMPLETE" (Or	SELECT Rotary Switch is		and red limbts
equipment only)- "DROGUE	Condition) (LM) (As	set to the lowest lock number		रामञ्ज
OK" or "MALFUNCTION"	Required)	setting which is engaged in		
-	10. Jumpmaster - Alerted	the platform that failed to		
4."FIVE, FOUR. THREE,		move, and activate the R		
ONE, GREEN	light activation.	LOCKS GANG RFI swift-h		
	)			,
5. Green Light - On (PNF)		A. HEAVY		
The PNF will verify proper		EOUIPMENT		
sequencing of lights in				
AUTO mode, or press the		6. ADS LOCK GANG		
JUMP/REL switch at "Green		CONTR. R LOCKS RFI		
Light" for MANUAL mode.		Switch - REL (As Required)		
a. AUTO mode airdrop -		Accomplish substeps if		
Green Light Confirmed		plat-form still fails to exit.		
(PNF) Ensure READY/		a. Pilot Notified -		
DROGUE switch-light		÷		
extinguishes, and JUMP or		b. HVY EQUIP Malfunction		
RELEASE switchlight		Checklist - Initiated		
annunciator light (as		NOTE: Crew will initiate		
appropriate) illuminates.	•	the Post Drop Checklist after		
		the loadmaster calls "LOAD		
-	-			

# Table A10.5. (Added-AFMC) Release Point Checklists (Continued)

PILOTS AIRDROP	LOADMASTER	LOADMASTER HEAVY	LOADMASTER	LOADMASTER
CHECKLIST	NEL/	EQUIPMENT AIRDROP	CDS/TRIADS AIRDROP	DUAL ROW CHECKLIST
	DUMMY AIRDROP CHECKLIST	CHECKLIST	CHECKLIST	
b. MANUAL mode airdrop -		CLEAR" and the RED LT is		
Green Light Activated (PNF)		on.		
۲		7. Pilot Notified -"LOAD		•
switchlight. Ensure the		CLEAR" (LM)		
READY/DROGUE switchlight		NOTE: Crew will initiate		
extinguishes, and JUMP or	***************************************	the Post Drop Checklist after		
RELEASE switchlight		the loadmaster calls "LOAD		
annunciator light (as		CLEAR" and the RED LT is		
appropriate) illuminates.		on.		
WARNING: If the Loadmaster		8. "RED LIGHT" (MC/PNF)		
calls a Malfunction the PNF		ON Ensure Green lights are		
will immediately turn on the		extinguished and Red lights		
Red Light and state "RED		are illuminated.		
LIGHT ON", and verify the				
drop mode select switch is in		B. TOW TEST		
MAN.				
WARNING: When notified		7. Pilot Notified -		
of a malfunction, the pilot		"Parachutes OK" or		
flying the aircraft will maintain		condition (LM)		
drop airspeed, maintain safe		8. Loadmaster Notified -		
altitude, avoid yawing the		"Release Parachutes" (PNF)		
aircraft, avoid flying over		9. Guillotine Lanyard -		
populated areas, and ensure		Activated		
the cargo ramp and door		NOTE: Crew will initiate		
remain in the airdrop position		the Post Drop Checklist after		
until the malfunction is		the loadmaster calls		
corrected. NOTE: Crew will		"CHUTES AWAY" and the		
initiate Post Drop Checklist		RED LT is on.		
 -		10. Pilot Notified		
"LOAD CLEAR" or		-"CHUTES AWAY" or		
"MALFUNCTION		"MALFUNCTION" (LM)		
CHECKLIST COMPLETE""				
and the RED LT is on.				

Table A10.5. (Added-AFMC) Release Point Checklists (Concluded)

LOADMASTER DUAL ROW CHECKLIST	
LOADMASTER CDS/TRIADS AIRDROP CHECKLIST	
LOADMASTER HEAVY EQUIPMENT AIRDROP CHECKLIST	Checklist - Initiated (As Required) 12. "RED LIGHT" (MC/PNF) - ON Ensure Green lights are extinguished and Red lights are illuminated.
LOADMASTER PERSONNEL/ DUMMY AIRDROP CHECKLIST	
PILOTS AIRDROP CHECKLIST	6. Airdrop Condition - "LOAD CLEAR", or "MALFUNCTION" (LM) a. D-Bag/Dunmy Drops Release Point Only. "D-Bag/Dunmy Deployed" (LM) "Retrieval Complete" (or condition) (LM) b. Tow Test Release Point (and Malfunction) Only "Parachute(S) OK" (or condition) (LM) "Release Parachutes" (LM or FTE) "Chutes Away" (LM) "Guillotine Malfunction" (LM) "Jettison Cargo" (PF) "Load Jettisoned" (LM) " "RED LIGHT" (MC/PNF) - ON Activate the RED LT Switchlight and ensure it illuminates. MC will not automatically turn on/off the Red Light. PNF must manually turn on/off the Red Light.

**Post Drop Checklist.** The Post drop Checklist will be followed by the Pre-Slowdown Checklist for multiple personnel drops.

**Note:** Items marked with an asterisk (\*) are re-accomplished for race tracks.

Table A10.6. (Added-AFMC) Post Drop Checklists

ST	GGO
LOADMASTER DUAL ROW CHECKLIST	ARA
STER W CH	1. Ramp and Door - Close Close the cargo ramp a door. Ensure the CARR DOOR & RAMP, DOON & RAMP, DOON & RAMP, DOON & LOCKED annunciat extinguish.  2. Data off - "DATA OF (PNF) (As Required)  3. HOT MIC - OFF 4. CDS GATE SELECT CONTROL - SAIN WARNING: Any remaining pallets/platforms raid-ropped must have land right locks engaged print at completion of the Poppo Checklist. If locks what are completion of the Poppo Checklist. If locks what are completion of the Poppo Checklist. If locks what are completion of the Poppo Checklist. If locks what are completion of the Poppo Checklist. If locks what are completion of the Poppo Checklist. If locks what are completion of the Poppo Checklist. If locks what are completion of the Poppo Checklist. If locks what are completed (As Required)  6. Forward Loadmast Station Oxygen System
LOADMASTER DUAL ROW CH	1. Ramp and Dooo Close the cargo door. Ensure the DOOR & RAM NOT LKD, and R LOCKED at extinguish.  2. Data off - "D/ (PNF) (As Require 1) (PNF) (As Require 2) HOT MIC - OF 4. CDS GATE Rotary Switch WARNING: Any pallets/platforms airdropped must and right locks engat completion of Drop Checklist. If not capacity capallets/platforms, suircraft tiedown equal completion of Character (As Require 2) Forward L. Pallet(s)/Platfo Secured (As Require 3) Forward L. Station Oxygen Systation Oxygen Systation Oxygen Systation Oxygen Systation S
	S S S T B B B B B B B B B B B B B B B B
AIRDROP	1. Static Line Retrieval – Complete 2. Ramp and Door – Closed Close the door and cargo ramp. Ensure the CARGO DOOR & RAMP, DOOR NO LKD and RAMP NOT LOCKED annunciators extinguish. 3. Data off – "DATA OFF" (PNF) (As Required) 4. Hot Mic – Off (CDS Only) 5. CDS GATE SELECT Switch – SAFE WARNING: Any remaining container(s) not airdropped must be restrained prior to completion of the Post Drop Checklist. 6. Container(s) – Secured (As Required) NOTE: Before turning the regulators back on, the cabin altitude must be below 8,500 feet to avoid deploying the
18	1. Static Line Retrieval Complete 2. Ramp and Door – Closed Close the door and carg ramp. Ensure the CARGC DOOR & RAMP, DOOJ NO LKD and RAMP NOT LOCKED annunciator extinguish. 3. Data off – "DATA OFF PNF) (As Required) 1. Hot Mic – Off (CDS Dolly) 2. CDS GATE SELECT Switch – SAFE WARNING: Any remaining ontainer(s) not airdropped ontainer(s) not airdropped ontainer(s) - Secured (As Recklist. Container(s) – Secured (As Required) COTE: Before turning the egulators back on, the cabin littude must be below 8,500 cet to avoid deploying the
LOADMASTER CDS/TRIADS CHECKLIST	1. Static Line Red Complete 2. Ramp and Door – Close the door an ramp. Ensure the DOOR & RAMP, NO LKD and RAM, LOCKED ann extinguish. 3. Data off – "DAT (PNF) (As Required) 4. Hot Mic – Of Only) 5. CDS GATE S Switch – SAFE WARNING: Any re container(s) not aim must be restrained a completion of the Po Checklist. 6. Container(s) – Secu Required) NOTE: Before turni regulators back on, th alfitude must be below ieet to avoid deploying
LOAI CDS/ CHEC	1. Static Line Retrieval Complete 2. Ramp and Door – Closed Close the door and carge ramp. Ensure the CARGC DOOR & RAMP, DOOR NO LKD and RAMP NOT LOCKED annunciators extinguish. 3. Data off – "DATA OFF" (PNF) (As Required) 4. Hot Mic – Off (CDS Only) 5. CDS GATE SELECT Switch – SAFE WARNING: Any remaining container(s) not airdropped must be restrained prior to completion of the Post Drop Checklist. 6. Container(s) – Secured (As Required) NOTE: Before turning the regulators back on, the cabin altitude must be below 8,500 feet to avoid deploying the
HEAVY AIRDROP	
ER H	go ram e c Carge R NOT n annune DATA nired) DFF achute Except T Secure ny rem ny rem it airdri i and l prio ne Post cks wil tie
LOADMASTER EQUIPMENT , CHECKLIST	p and Doon he cargo insure the C p. DOOR I MP DCKED an Sh. Off - "DA COFF (exc) orm(s) - Se orm of the I i. If locks on of the I i. If locks in platform(a aircraft in.). S. LOCK LR
LOADMAST EQUIPMENT CHECKLIST	1. Ramp and Door - Closed Close the cargo ramp and door. Ensure the Cargo Door & Ramp, DOOR NOT LKD and RAMP  NOT LOCKED annunciators extinguish.  2. Data Off - "DATA OFF" (PNF) (As Required)  3. HOT MIC - OFF  4. Drogue Parachute Video System - OFF (except T-1)  5. Platform(s) - Secured (As Required)  WARNING: Any remaining platform(s) not airdropped must have left and right locks engaged prior to completion of the Post Drop Checklist. If locks will not engage in platform(s), secure with aircraft tiedown equipment.  6. ADS LOCK GANG CONTR, L/R LOCK SELECT Rotary Switches -
AIRDROP	1 2 2 3 3 3 3 8 6 5 3 6
AIRD	1. Static Line Retrieval – s Required static line(s) were used, trieve all lines into aircraft.  OTE: If static line(s) will be retrieve, notify the pilot, at static line(s) on pilot's mmand.  Ramp and Door Close the Ego ramp and door. Ensure c Cargo Door & Ramp, OR NOT LKD and RAMP OT LOCKED  nunciators extinguish.  Troop Door(s)/Air Troop Door(s)/Air (clector(s)) - Closed (As quired) Close troop or(s) and air deflectors, sure the Aft Loadmaster atton, Left/Right, TROOP OOR NOT LOCKED and TR DEPLOYED ounciator lights Dinguish.  Data - "DATA OFF" - F (As Remired)
IASTE NNEL/ Y LIST	Static Line equired atic line(s) ve all lines trieve, not tatic line(s) and ump and ramp and ramp and ramp and ramp and of argo Dooo NOT LKDD LOCKED ciators exti Troop the Aft the Aft Left/Rig ? NOT LO Do Left/Rig ? NOT LO As Remurer
LOADMAST PERSONNEI DUMMY CHECKLIST	* 1. Static Line Retrieval – As Required If static line(s) were used, retrieve all lines into aircraft.  NOTE: If static line(s) will not retrieve, notify the pilot, cut static line(s) on pilot's command.  2. Ramp and Door Closed (As Required) Close the cargo ramp and door. Ensure the Cargo Door & Ramp, OOR NOT LKD and RAMP NOT LOCKED  annunciators extinguish.  3. Troop Door(s)/Air Deflector(s) - Closed (As Required) Close troop door(s) and air deflectors, ensure the Aft Loadmaster Station, Left/Right, TROOP DOOR NOT LOCKED and DFTR DEPLOYED annunciator lights D extinguish.  4. Data - "DATA OFF" - PNF (As Remired)
	2. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4.
VIRDR	* 1. RABA Switch - "SET" (PNF, PF) Set radar alt for low level environment. Set BARO for high level.  * 2. SKE XTRK - Set (PNF) (Applies to SKE formations only).  * 3. NAV SEL SW/AFCS Panel - SET (PNF) SKE missions—Element lead pilots will direct NAV SEL to SKE, LNAV, SPD NAV engaged. Set DZ escape Heading, Altitude, and Vertical speed as briefed on AFCS panel.  4. "RAMP AND DOOR (S) CLOSED" (PNF) (As Required) Before exceeding 250 KCAS. ensure LM has closed the door(s)/ramp by ensuring the DOOR (S)/RAMP open annunciators extinguished.  5. Air Deflector(s) - "CLOSED"(LM) (Personnel Airdrops Only)
ST	* 1. RAJBA Switch - "SI (PNF, PF) Set radar alt low level environment. BARO for high level. * 2. SKE XTRK - Set (PP (Applies to SKE formationly). * 3. NAV SEL SW/AF Panel - SET (PNF) Smissions—Element highlots will direct NAV Sto SKE, LNAV, SPD N. engaged. Set DZ escr. Heading, Altitude, a Vertical speed as briefed AFCS panel. 4. "RAMP AND DOOR CLOSED" (PNF) (Required) Before exceed S50 KCAS. ensure LM Folosed the door(s)/ramp ensuring the DOOR (RAMP open annunciate extinguished. 5. Air Deflector(s) "CLOSED" (LM) (Personn Airdrops Only)
PILOTS CHECKLIST	* 1. RAJBA S (PNF, PF) Set low level env BARO for high * 2. SKE XTR (Applies to SF only). * 3. NAV SE Panel - SET missions—Eler pilots will dire to SKE, LNAv engaged. Set Heading, Al Vertical speed AFCS panel. 4. "RAMP AN CLOSED" ( Required) Befe S50 KCAS. en closed the doe ensuring the RAMP open extinguished. 5. Air Del "CLOSED"(LMA) Airdrops Only)
15 =	* 1. R (PNF, low le low le BARO (Appli only). * 3. P Panel Panel mission pilots on SKF engage Headin Vertica AFCS 4. "RA CLOSE Require

# Table A10.6. (Added-AFMC) Post Drop Checklists (Continued)

CHECKLIST  CHECKLIST  DUN  6. Mission Computer - 5.  UPDATED (PNF)  a. Drop Complete (WT/CG) * 6.  Activate drop complete on Cable  A/D  Progress Page. At "Green multi Light." flight data such as actual position and time of Requ release was recorded and is a Jun available for later review on De-a the MCD ADxx Recall Page. b. P.	AIRDROP  Thector(s) - 1  The Retriever puired Ensure crigged for 1  Check - As 1  Lipment cked d - "HALO CHECK CHECK		LOADMASTER CDS/TRIADS AIRDROP CHECKLIST	LOADMASTER DUAL ROW CHECKLIST
				DOAL NOW CHECKLIST
	· · · · · · · · · · · · · · · · · · ·	7. ADS DROP GP SELECT Rotary Switch – SAFE NOTE: After the last airdrop, complete the remaining steps. The Loadmaster's Post Drop Check may be called		
	······································	7. ADS DROP GP SELECT Rotary Switch – SAFE NOTE: After the last airdrop, complete the remaining steps. The Loadmaster's Post Drop Check may be called		
	<del></del>	Rotary Switch – SAFE  NOTE: After the last airdrop, complete the remaining steps. The Loadmaster's Post Drop Check may be called	passenger oxygen	Panel Center Seat, and
		NOTE: After the last airdrop, complete the remaining steps. The Loadmaster's Post Drop Check may be called		ators
	<del></del>	complete the remaining steps.  The Loadmaster's Post Drop Check may be called	7. Forward Loadmaster	
	y Check - As uipment ceked ed - "HALO CHECK	The Loadmaster's Post Drop Check may be called	Station Oxygen System	If the aircraft has been
	y Check - As uipment ccked ed - "HALO CHECK	Check may be called	Panel Center Seat and	_
	y Check - As uipment ccked ed - "HALO CHECK	Dalling and Cities	I avatory Emergance	:
		complete prior to completing 1	Dampton Lineigency	maindal shutoil levers are
а <u>О</u> ф	(s) Equipment 1 - Checked Notified - "HALO CHECK	these stens	Required (except T 1)	pushed to the on position.
<u>م</u> <u>ت</u>	-Checked  Notified - "HALO  CHECK	8. Aircraft Fourinment - As	If the aircraft has been	I CHALUITHER REGULATOR
	Notified - "HALO CHECK	Required	n one ancient has occil	Level - As Kequired (except
	СНЕСК	a TRM Cover - Installed	pressurized ensure the	[-I]
_			mandal shutton tevers	2
	COMPLETED"	Stowed	are pushed to the ON	ensure
hange	(Livia)	Stowed	position.	regulator levers are
		c. rail bridge Assembly -	8. HALO/I'HER	positioned to off.
		Slowed	Regulator Levers - As	8. Cargo Door Ditching
7,000		9. Forward Loadmaster Station	Required (except T-1)	Locks - Engaged (As
		Oxygen System Panel, Center	If the aircraft has been	
		Seat and Lavatory Emergency	pressunzed, ensure	9. Cargo Compartment
Required) The		Regulators - As Required	regulators levers	Lights - As Required
		(except T-1)	positioned to OFF. The	10. SIDEWALL PANEL
	 	If the aircraft has been	Post Drop Checklist	Power switch - OFF
<u>₹</u>	_	pressurized, ensure the manual	may be called	11. Loadmaster's Report -
g prior to the aircraft 8.		shutoff levers are pushed to the	complete prior to this	"CHECK COMPLETED"
	_	on position.	step being completed.	(LM)
	Center Seat and	<ol> <li>HALO/THER Regulator</li> </ol>	9. Cargo Door	Coordinate with LM2 prior
	Emergency	Levers - As Required (except	Ditching Locks -	to checklist completion.
	- As Required	T-1)	Engaged (As	
		If the aircraft has been		
D" when check	If the aircraft has been	pressurized, ensure regulator	(T-I only)	
	the	levers positioned to off.	10. Cargo	
S Panel -	5	11. Cargo Compartment Lights	Compartment Lights =	
WET" (PNF, PF) pushe	pushed to the on position.	- As Required (except T-1)	As Required	
9. HA	-		11. Loadmaster's	
			Report - "CHECK	
			COMPLETED" (LM)	

Table A10.6. (Added-AFMC) Post Drop Checklists (Continued)

PILOTS AIRDROP CHECKLIST	LOADMASTER PERSONNEL/	LOADMASTER HEAVY	LOADMASTER CDSTDIADS AIRDROAD	LOADMASTER DIAL BOW CUECKLIST
	DUMMY AIRDROP CHECKLIST	CHECKLIST		DOAL NOW CHECKLIST
Set to AUTO mode, set LDG	Levers - As Required (except			
ALI window, and pressurize	T-1).			
aircraft il required. For	If the aircraft has been	_		
HALO airdrops the PNF will	pressurized, ensure regulator	lmas		
O.	SLS	"CHECK COMPLETED"		
masks are no longer	10. Cargo Compartment	(LM)		
required.	ģ			
rized	Fighting after last pass is			
t 1 or				
MODE and ensure the	11. Jump Platform Lights -			
altitude selected in the	As Required			
LDG/CABIN/ALT window	rgo			
is above actual aircraft	Locks - Engaged (As			
	٠			
er's Report-	13. Loadmaster's Report-			
	"CHECK COMPLETED"			
=	(LM)			
* 10. Slats/Flaps - "AS				
On command of the DF reset				1 32.1
slats/flaps to the appropriate				
configuration for the next				
phase of flight.				
11. Thrust Rating - SET				
(TNT)				
Set EPR rating as necessary.				
12. Air Drop Display -     "SET" (PF)				
The pilot will deselect A/D				
on PFD's				

# Table A10.6. (Added-AFMC) Post Drop Checklists (Concluded)

PILOTS AIRDRAND I O	LOADMACTED	LOADAAGTED HEALIN	TO A DARK OF THE PARTY OF THE P	
	LOADWASIEN	LOADIMASIEK HEAVY	LOADMASTER	LOADMASTER
CHECKLIST			CDS/TRIADS AIRDROP	DUAL ROW CHECKLIST
	DUMMY AIRDROP	CHECKLIST	CHECKLIST	
į	CHECKLIST			
13. DOOR SYS ARM				
Switchlight - OFF (PNF)				
Deactivate the DOOR SYS				
ARM switch-light, ensuring				
light extinguishes.				
14. LM Panel Power - SET				
(PNF)				
Leave Panel Power on, if the				
Loadmaster requires panel				
power to accomplish in-		-		
flight rigging or for multiple				
airdrop passes.				
15. Red Light - OFF (PNF)				
De-activate RED LT				
Switchlight and ensure				
switchlight extinguishes.				
16. Control stick switch				
select – as required (87-0025				
only)				
* 17. "POST DROP				
Checklist Complete" (PNF)				

#### Table A10.7. ((Added-AFMC) Combat Offload Checklists

#### **PILOTS**

- 1. "CREW, COMBAT OFFLOAD CHECKLIST (PF)-"ACKNOWLEDGED" (PNF, LM)
- 2. Crew Briefing "COMPLETE" (PF)
- 3. Hot Mike "SET" (PF, PNF)
- 4. Taxi Clearance "READY TO OFFLOAD" (LM)

The aircraft commander is responsible for ensuring that the offload area is clear. If required, deplane the Loadmaster to check offload area.

- 5. Data on "DATA ON" (PNF)
- 6. Power "STABLIZED" (PF)

Advance power to <u>charted break-away EPR</u> (per Part 10, T.O. 1C-17A-1-1) while holding brakes. This setting will vary depending upon surface conditions, slope, wind, aircraft weight, and cargo weight.

**WARNING:** If for any reason prior to brake release the operation becomes unsafe, state "ABORT - ABORT - ABORT"

**WARNING:** During offload, the nose of the aircraft may pitch due to shifting center of gravity. Do not retard throttles or apply brakes, except in an emergency or until the load-master reports the load is clear or there is a malfunction.

**CAUTION:** Ensure brakes are not released until charted EPR is set and stabilized and loadmaster has stated "RELEASE".

**CAUTION:** Taxi aircraft in a straight line. Any attempt to turn aircraft during offload may damage the aircraft.

7. "STANDBY...BRAKES...RELEASE" (LM)

<u>WARNING:</u> If "MALFUNCTION" is stated by the loadmaster, the pilot maneuvering the aircraft will bring the aircraft to a gradual stop.

- 8. Pilot Notified "LOAD CLEAR" or "MALFUNCTION" (LM)
- 9. Data Off "DATA OFF" (PNF)

#### LOADMASTER

- 1. "CREW, COMBAT OFFLOAD CHECKLIST (PF)- "ACKNOWLEDGED" (PNF, LM)
- 2. L LOCK ADS GANG CONTR REL Switch REL (As Required)

When utilizing the ADS rail system, activate the L LOCK ADS GANG CONTR REL switch to remove left rail locks/lips for pallet(s)/platform(s) to be offloaded.

3. Hot Mike - ON

Hot Mike will be turned on when connnected to a HRP

**WARNING:** Ensure all personnel in the cargo compartment who are not directly involved with the offload operation are seated with seat belts fastened prior to brake release. Failure to comply may result in injury to personnel.

- 4. Taxi Clearance "READY TO OFFLOAD" (LM)
- 5. Power "STABLIZED" (PF)

**WARNING:** If for any reason prior to brake release the operation becomes unsafe, state "ABORT - ABORT - ABORT". If all locks have been released, GANG LOCK the locks.

- 6. "STANDBY...BRAKES...RELEASE" (LM) a. If using the ADS rail system, press the ADS LOCK GANG CONTR R LOCKS switch to REL at "STANDBY." Ensure all lock annunciators are blank or blinking for a cargo floor offload and blank for a ramp offload before stating "RELEASE".
- b. If using the logistic rails, press the LOG LOCK GANG REL L/R LOCKS RAMP/FLOOR switch (es) to REL at "STANDBY". Ensure all lock annunciators are blank before stating "RELEASE".
- c. ADS BACKUP Panel, CDS Release Switch REL (As Required)

**WARNING:** If locks fail to release or load stops moving aft, ensure that all pallet(s)/platform(s)/ containers that are moving have exited, GANG LOCK the locks, then state "MALFUNCTION".

- 10. Cargo Door and Ramp CLOSED (PNF)
- 11. Loadmaster's Report "CHECK COMPLETED, READY TO TAXI" (LM)
- 12. Combat Offload Checklist "COMPLETE" (PNF)

**NOTE:** Return to the Operational Stop Checklist.

7. Pilot Notified - "LOAD CLEAR" or "MAL-FUNCTION" (LM)

Advise the pilot when all pallets/platform are off-loaded. If locks cannot be re-engaged into the pallet(s) or platform(s), secure the pallet(s) or platform(s) with tiedown equipment.

Do not apply tiedown equipment until aircraft has stopped. If the GRM fails to release, state "MAL-FUNCTION". Secure the load with tiedown equipment after the aircraft has stopped.

8. Cargo Door and Ramp - CLOSED

Cargo Door and Ramp can be closed from either the Fwd or Aft Loadmaster station.

9. LOG LOCK GANG REL RAMP/FLOOR Switches - LOCK (As Required)

Upon completion of a partial offload of pallets/platforms from the logistics rails, activate the LOG LOCK GANG REL RAMP/FLOOR switches to LOCK and ensure rail locks/lips are engaged in all pallet(s)/platform(s) remaining on the aircraft.

- 10. ADS L and R LOCK SELECT Rotary Switches Safe
- 11. CDS GATE SELECT Rotary Switch Safe (As Required)
- 12. Hot Mike OFF
- 13. Cargo Door Ditching Locks Engaged (T-1 only)
- 14. Cargo Compartment Secured
- 15. Loadmaster's Report "CHECK COMPLETED, READY TO TAXI" (LM)

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